

ABSTRACT OF THE DISCLOSURE

Even if random connection to eight connectors at a base station is established when eight antennas are connected to the base station, a connection relation optimal for reception with a diversity system or with adaptive array processing can subsequently be established through switching by means of an antenna switching unit. A control circuit causes a test radio wave transmission circuit to transmit a radio wave from any one antenna, and levels of the radio waves received at remaining antennas are analyzed. In this manner, relative connection relation among connected antennas is found. Based on this analysis result, an antenna selection control circuit controls the antenna switching unit for reconnection of the antennas. Thus, a base station apparatus that is readily installed and achieves excellent work efficiency can be provided.